

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) An image processing device comprising:
a scanning unit for obtaining image data by scanning a document image of a document wherein an image is formed on an electronically tagged paper equipped with an electronic tag for storing electronic data in a certain part of the paper; ~~[[and]]~~
a writing unit for writing the image data obtained by said scanning unit on the electronic tag of the document as archive information of the document image~~[[.]]~~;
a reading unit for reading the archive information of the electronic tag of the document;
a selecting unit for selecting archive information that is used as a basis for extracting a difference among the archive information read by said reading unit; and
a differential extracting unit for extracting the difference between the image data obtained by said scanning unit and the image data related to the archive information selected by said selecting unit, wherein
said writing unit writes differential image data extracted by said differential extracting unit as the archive information.
2. (Canceled)

3. (Currently Amended) An image processing device comprising:

a reading unit for reading archive information from an electronic tag of a document wherein an image is formed on an electronically tagged paper equipped with the electronic tag for storing electronic data in a certain part of the paper and the electronic tag stores the archive information of the document image;

a selecting unit for selecting an archive information to be printed among the archive information read by said reading unit; [[and]]

a printing unit for printing image data related to the archive information selected by said selecting unit[.];

a retrieving unit for retrieving archive information used as a basis for extracting the difference of differential image data when the image data related to the archive information selected by said selecting unit is the differential image data; and

a restoring unit for restoring the original image data by synthesizing the differential image data and the image data related to the archive information retrieved by said retrieving unit, wherein

said printing unit prints the image data restored by said restoring unit.

4. (Canceled)

5. (Currently Amended) An image processing device comprising:

a reading unit for reading archive information from an electronic tag of a document wherein an image is formed on an electronically tagged paper equipped with

the electronic tag for storing electronic data in a certain part of the paper and the electronic tag stores the archive information of the document image;

a selecting unit for selecting an archive information to be deleted among the archive information read by said reading unit; [[and]]

a deleting unit for deleting the archive information selected by said selecting unit[[.]]; and

a retrieving unit for retrieving other archive information when the archive information selected by said selecting unit is used as a basis for extracting the difference of differential image data related to the other archive information, wherein

said deleting unit deletes the archive information selected by said selecting unit and the archive information retrieved by said retrieving unit.

6. (Canceled)

7. (Currently Amended) An image processing method comprising:

a scanning step of obtaining image data by scanning a document image of a document wherein an image is formed on an electronically tagged paper equipped with an electronic tag for storing electronic data in a certain part of the paper; [[and]]

a writing step of writing the image data obtained by said scanning step on the electronic tag of the document as archive information of the document image[[.]];

a reading step of reading the archive information of the electronic tag of the document;

a selecting step of selecting archive information that is used as a basis for
extracting a difference among the archive information read by said reading step; and
a differential extracting step of extracting the difference between the image data
obtained by said scanning step and the image data related to the archive information
selected by said selecting step, wherein
said writing step writes differential image data extracted by said differential
extracting step as the archive information.

8. (Canceled)

9. (Currently Amended) An image processing method comprising:

a reading step of reading archive information from an electronic tag of a document wherein an image is formed on an electronically tagged paper equipped with the electronic tag for storing electronic data in a certain part of the paper and the electronic tag stores the archive information of the document image;

a selecting step of selecting an archive information to be printed among the archive information read by said reading step; [[and]]

a printing step of printing image data related to the archive information selected by said selecting step[.];

a retrieving step of retrieving archive information used as a basis for extracting
the difference of differential image data when the image data related to the archive
information selected by said selecting step is the differential image data; and

a restoring step of restoring the original image data by synthesizing the differential image data and the image data related to the archive information retrieved by said retrieving step, wherein
said printing step prints the image data restored by said restoring step.

10. (Canceled)

11. (Currently Amended) An image processing method comprising:

a reading step of reading archive information from an electronic tag of a document wherein an image is formed on an electronically tagged paper equipped with the electronic tag for storing electronic data in a certain part of the paper and the electronic tag stores the archive information of the document image;

a selecting step of selecting an archive information to be deleted among the archive information read by said reading step; [[and]]

a deleting step of deleting the archive information selected by said selecting step[[.]]; and

a retrieving step of retrieving other archive information when the archive information selected by said selecting step is used as a basis for extracting the difference of differential image data related to the other archive information, wherein

said deleting step deletes the archive information selected by said selecting step and the archive information retrieved by said retrieving step.

12. (Canceled)

13. (Currently Amended) An image processing program for causing an image processing device to execute:

a scanning step of obtaining image data by scanning a document image of a document wherein an image is formed on an electronically tagged paper equipped with an electronic tag for storing electronic data in a certain part of the paper;[[and]]

a writing step of writing the image data obtained by said scanning step on the electronic tag of the document as archive information of the document image[[.]];

a reading step of reading the archive information of the electronic tag of the document;

a selecting step of selecting archive information that is used as a basis for extracting a difference among the archive information read by said reading step; and

a differential extracting step of extracting the difference between the image data obtained by said scanning step and the image data related to the archive information selected by said selecting step, wherein

said writing step writes differential image data extracted by said differential extracting step as the archive information.

14. (Canceled)

15. (Currently Amended) An image processing program for causing an image processing device to execute:

a reading step of reading archive information from an electronic tag of a document wherein an image is formed on an electronically tagged paper equipped with the electronic tag for storing electronic data in a certain part of the paper and the electronic tag stores the archive information of the document image;

a selecting step of selecting an archive information to be printed among the archive information read by said reading step; [[and]]

a printing step of printing image data related to the archive information selected by said selecting step[[.]];

a retrieving step of retrieving archive information used as a basis for extracting the difference of differential image data when the image data related to the archive information selected by said selecting step is the differential image data; and

a restoring step of restoring the original image data by synthesizing the differential image data and the image data related to the archive information retrieved by said retrieving step, wherein

said printing step prints the image data restored by said restoring step.

16. (Canceled)

17. (Currently Amended) An image processing program for causing an image processing device to execute:

a reading step of reading archive information from an electronic tag of a document wherein an image is formed on an electronically tagged paper equipped with

the electronic tag for storing electronic data in a certain part of the paper and the electronic tag stores the archive information of the document image;

a selecting step of selecting an archive information to be deleted among the archive information read by said reading step; [[and]]

a deleting step of deleting the archive information selected by said selecting step[[.]]; and

a retrieving step of retrieving other archive information when the archive information selected by said selecting step is used as a basis for extracting the difference of differential image data related to the other archive information, wherein

said deleting step deletes the archive information selected by said selecting step and the archive information retrieved by said retrieving step.

18. (Canceled)